Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 27 Aug 2023 until 23:59 on Monday 28 Aug 2023

Forecast Issued on Sunday 27 Aug 2023 at 02:20

Confidence: High for prevailing unsettled and showery theme, but low for shower detail. Monday probably the best day of the period, with confidence again low regarding the arrival of a weather system on Tuesday.

Headline for Sunday 27 Aug 2023: Further heavy showers then a drier and brighter afternoon.

Mountain weather hazards on Sunday 27 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Cloudy	Heavy rain showers	Cloudy	Sunny intervals	Cloudy
Precipitation probability					
20%	30%	50%	40%	20%	20%

Forecast for Sunday 27 Aug 2023

Weather: Some brief sunny spells are likely around dawn but showers will soon spread in from the northwest. These will become heavy and potentially thundery for a time around midday before becoming more isolated and lighter in the afternoon. Showers are expected to clear east late afternoon, allowing some brief sunny spells to develop at the end of the day. Chance of thickening and lowering cloud arriving from the west after dusk possibly bringing rain and drizzle. towards midnight.

Chance of cloud-free hill tops above 600m: 30% in the early hours becoming 80% for a time during Sunday afternoon and evening then 50% after dusk and perhaps higher probabilities towards midnight.

Low cloud and visibility: Broken to overcast bases 400 to 500 metres in early hours. Cloud should lift and overturn after dawn, probably reaching 900 metres, and then broken bases lowering to 600 to 700 metres in evening. Moderate or poor at first becoming generally good in morning, then moderate again in evening. Visibility very poor in cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 27 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/10 SW	9/13 W	15/21 W	17/25 W	14/20 W	13/18 W	10/15 W
300	3/5 S	7/11 W	14/22 W	15/23 W	11/18 W	9/15 W	7/11 W
Valley	2/5 SE	4/9 W	11/22 W	12/23 W	9/18 W	6/13 W	4/8 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/8	11/8	11/8	10/8	10/7	10/7
300	11/10	12/11	13/11	14/11	13/11	12/10	12/10
Valley	11/11	13/12	14/12	15/12	14/12	13/12	12/12
Freezing Level*	2200m	2200m	2300m	2300m	2100m	2200m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Risk of heavy showers could make footpaths slippery underfoot. Feeling cooler, especially at height and in any downpours so adequate layers may be required.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 27 Aug 2023	0.2mm	0.2mm	1.2mm

Forecast for Monday 28 Aug 2023

Weather: Some rain and drizzle for a time on Monday morning as fronts move erratically eastwards during the morning, with some afternoon and evening brightness perhaps developing in its wake. Chance of a few light showers into the evening period.

Maximum wind: West or Northwest with gusts reaching 25mph in afternoon.

Chance of cloud-free hill tops above 600m: 20% or less in morning, becoming 70% in afternoon, and perhaps higher for a time during the evening.

Low cloud and visibility: Broken to overcast bases lowering to around 400 metres and covering some peaks. This probably lifting and breaking to scattered bases 700 metres and perhaps clearing summits during the afternoon.

Temperature: **Valleys:** Plus 7 degrees Celsius becoming plus 20 degrees Celsius.
At 600m: Plus 7 degrees Celsius becoming plus 14 degrees Celsius.
Freezing level: Well above summits.

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